

PLASTICS Transportation & Industrial Plastics Committee Meetings

November 8, 2018
Embassy Suites Detroit-Livonia/Novi
19525 Victor Parkway
Livonia, Michigan

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The November TIP Meeting is scheduled for the morning after the 48th SPE Automotive Innovation Awards Gala, separate registration at <http://speautomotive.com/innovation-awards-gala>

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TIP Committee Meeting
Thursday, November 8, 2018
8AM-2PM

TIP Committee Meeting Agenda

8:00am-8:30am	REGISTRATION & COFFEE
8:30am-8:40am	Call to Order, Fire Exits, PLASTICS Antitrust Policy, Introductions Michael Cirone, Chair
8:40m-8:45am	Approval of Minutes, Review of the Agenda and Deliverables Michael Cirone, Chair
8:45am-9:30am	PLASTICS Update - Public Policy and Communications Efforts Bill Carteaux, President & CEO, Plastics Industry Association (PLASTICS) PLASTICS President will update the Committee on the association’s industry advocacy and communications plan to combat marine debris and improve plastics recovery, as well as additional PLASTICS issues on the radar for 2019.
9:30am-9:45am	COFFEE BREAK
9:45am-10:45am	The Role of Sustainability in "Human Centric Design" Jeevak Badve, Vice President, Sundberg-Ferar Design Studio What make a product successful? It’s always the blend of functional and emotional attributes. Jeevak’s presentation will try to unpack those essential emotional elements and see where sustainability stacks up in the mix. What are the needs of the end users, what are the wants of emergent context, what are the desires of the new millennials. He’ll attempt to compare and contrast the diverse forces of end users, the market, the community, the materials, the technology, the culture that we are locked in and the aspirations of almost all of the stakeholders of this creative supply chain of the world of mobility.

10:45am-11:00am	<p>PLASTICS Sustainability Advisory Board (SAB) Report <i>Eric Connell, Toyota (TIP SAB Rep)</i></p> <ul style="list-style-type: none"> • PLASTICS Sustainability Benchmarking Tool Update
11:00am-11:30am	<p>PLASTICS Sustainability & Recycling Committee Report <i>Kim Holmes, Vice President of Sustainability, PLASTICS</i></p> <ul style="list-style-type: none"> • Recycling Market Update • PLASTICS Recycling Committee Update • Supply Chain Reporting Harmonization Project • Zero Net Waste Recognition Program • Relfocus 2019 Planning <ul style="list-style-type: none"> ○ TIP Educational Session Ideas, Networking Opportunities
11:30am-12noon	<p>Automotive End of Life Vehicles (ELV) Recycling Demonstration Project <i>Kim Holmes and Kendra L. Martin, PLASTICS</i></p> <ul style="list-style-type: none"> – Report on Final Technical Package (with Phases II and III) <ul style="list-style-type: none"> ○ Data Sheets – On-going exploration of potential end-use markets and users <ul style="list-style-type: none"> ○ Auto Repair Shops / Collision Industry efforts
12noon-12:45pm	<p>LUNCH</p>
12:45pm-1:00pm	<p>Future Leaders in Plastics Report <i>PLASTICS FLiP Member (speaker to be confirmed)</i></p> <p>Future Leaders in Plastics (FLiP) committee update will include a review of some its core project like the mentorship program and Plastics Insights 101, a student focused webinar series.</p>
1:00pm-1:45pm	<p>PLASTICS Update on Tariffs & Trade Issues <i>Dr. Perc Pineda, Chief Economist, PLASTICS</i></p> <p>The role for plastics in the transportation industry continues to evolve. Auto sales have been projected softer this year compared to last year in the U.S. and other countries. Moreover, global automotive trade now faces uncertainty related to higher tariffs and the prolonged NAFTA renegotiations. Design and technological breakthroughs in the automotive sector will continue to drive consumer demand. The transportation industry will continue to rely on plastics for its cost advantages, adaptability, and sustainability over other materials. Perc Pineda, PLASTICS Chief Economists, will share his perspectives on why, despite the risks of higher tariffs, the relevance of plastics in transportation and industrial plastics will not diminish.</p>
1:45pm-1:50pm <i>(time permitting)</i>	<p>TIP Business Roundtable: Supply Chain Emerging Issues, Industry Trends, Benchmarking Ideas and Opportunities, Sustainability Challenges, Industry Needs and ideas for potential TIP Projects, etc.</p> <p>This Roundtable is structured to hear from attendees in each supply chain segment as a group: equipment manufacturers, material suppliers, Tier 1 companies and processors, brand owners, OEMs, and recyclers.</p>

1:50pm-1:55pm	TIP Next Steps <ul style="list-style-type: none"> • Review TIP Issues & Activities • Planning – topics, speakers – for Next Meeting • 2019 Meeting Dates & Locations <ul style="list-style-type: none"> ○ March 5, 6 or 7 meeting in Detroit area, possibly with IACMA (Institute for Advanced Composites Manufacturing Innovation) ○ Refocus 2019 – May 20-22 in Ann Arbor, MI – opportunity for TIP participation and support through educational and networking sessions ○ November 2019 TIP Committee Meeting in Livonia, MI (in conjunction with the SPE Annual Automotive Awards Gala) ○ Future – potential joint meeting with FLiP, Vinyl Division
1:55pm-2:00pm	Any Other Business
2:00pm	ADJOURN

TIP Parking Lot

(on-going issues of interest identified at previous TIP meetings)

- Ability to address automotive's big move to improved transparency and new systems
- Autonomous Vehicles and Mobility / plastic design considerations
- Bio-Plastics
- CA Prop 65 – impact on industry
- Design for Recycling / Design for Dismantling
- Electric Vehicles / plastic design considerations
- End of Life recycling/recyclability of materials
- Life Cycle Analysis (LCA)
- Lightweighting
- Material deselection
- Materials Infrastructure
- OEMs use of IMDS (International Materials Data System)
- Pyrolysis / Plastics-to-Fuel
- Regulatory updates, including European perspective
- RIC (ASTM Resin Identification Code)
- Workforce development
- Zero Waste efforts

Goal – achieve integration within PLASTICS' framework and work with external organizations.

PLASTICS INDUSTRY ASSOCIATION (PLASTICS) ANTITRUST REMINDERS AND MEETING GUIDELINES

Group activities of competitors are inherently suspect under the antitrust laws. Many agreements and activities between and among competitors, however, are both legal and beneficial to society and the industry. It is expected that all member representatives involved in PLASTICS activities, as well as PLASTICS consultants and meeting participants, will be sensitive to the legal issues involving trade associations and take all measures necessary to comply with U.S. antitrust laws and similar foreign competition laws.

Whether seriously or in jest, **do not discuss** or exchange information regarding:

Prices, including:

- Individual company prices, price changes, price differentials, pricing patterns or policies, discounts, allowances, credit terms, warranties, rebates or special financing, indemnification agreements, or other terms and conditions of sale affecting price.
- Industry pricing policies, price levels, price changes, pricing procedures, profit margins or other data that bear on price.
- Individual company data on costs, production, capacity, inventory, sales, profit margins or other data that bear on price.

Production, including:

- Individual company plans concerning the design, production, distribution or marketing of particular products or product features, including possible or proposed customers or territories.
- Agreements with competitors to control or limit production, restrict or allocate exports or imports, control or limit product quality or research or allocate sales according to customers, territories or products.

Marketing procedures, including:

- Matters relating to dealing or not dealing with actual or potential individual suppliers, customers, or competitors that might exclude them from the market;
- Territorial restrictions, allocations of customers, restrictions on types of products or any other kind of market division.

Meeting Guidelines

- Agenda will be prepared and distributed before the start of the meeting.
- Meeting discussions will be limited to agenda items unless the Chair approves additional topics.
- Minutes of a meeting represent the legal record of what transpired. Carefully review draft minutes and call for corrections if the meeting minutes are not accurate.
- Staff (or counsel) will be present at each meeting.
- Object to any discussions or activities that appear to violate PLASTICS' antitrust policy.
- Avoid colloquial language that might be mis-characterized later (e.g., "dominance," "only game in town," "control of market").

This list is not exhaustive and understanding and acting in compliance with U.S. and foreign antitrust and competition laws sometimes can be difficult. If you have a question about the propriety of PLASTICS activities or discussions in a PLASTICS meeting, you are encouraged immediately to contact PLASTICS counsel or your company's legal counsel.

Confidentiality Reminder

It is expected that all members of PLASTICS will act in the best interests of the association. Discussions at meetings and any documents or other materials that are produced or distributed are confidential. Details of the meeting should not be published, disclosed to any third parties, or used except in support of official PLASTICS business. Naturally, member company representatives can share this with appropriate personnel within their own companies; when distributing within your companies, please remind the recipients of the confidential nature of the information.